

WORLD PATENT  
INTERNATIONAL PATENT OFFICE  
WORLD ORGANIZATION FOR INTELLECTUAL PROPERTY  
International patent published on  
the basis of the Patent Cooperation Treaty  
INTERNATIONAL PUBLICATION NO. WO 2005/071232 A1

International Patent Classification <sup>7</sup> :	F 01 K 27/00 F 02 G 1/04
International Patent Filing No.:	PCT/DE2005/000037
International Filing Date:	January 13, 2005
International Publication Date:	August 4, 2005
Submission Language:	German
Publication Language:	German
Priority	
Date:	January 24, 2004
Country:	DE
No.:	10 2004 003 694.2

SYSTEM FOR CONVERTING THERMAL TO MOTIVE ENERGY

Applicant and Inventor:	Gerhard Stock [DE/DE] Friedenseiche 1 56850 Enkirch (DE)
Agent:	Bernd Becker Patent Attorneys Becker & AUE Saarlandstrasse 66 55411 Bingen (DE)
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 CI, CM, GA, GN, GQ, GW, ML, MR,  
 NE, SN, TD, TG).

Published:

- With international search report.
- Before the expiration of the deadline valid for changes of claims; publication will be repeated if changes are submitted.

For an explanation of the two-letter codes and the other abbreviations, reference is made to the explanations ("Guidance Notes on Codes and Abbreviations") at the beginning of each regular issue of the PCT-Gazette.

**(57) Abstract:** The invention relates to a system for converting thermal to motive energy. Said system comprises at least one pressure vessel (1, 2, 3, 4), having at least one upper injection orifice (5, 6) for a warm and/or cold fluid, and at least one liquid piston pump (25) inside the pressure vessel (1, 2, 3, 4) which is coupled with a working cycle (8). The pressure vessel (1, 2, 3, 4) has a horizontal partition (27) that is provided with a bore (26). Above said partition (27), a gas or gas mixture is present, and below the partition (27), the liquid piston pump (25) is located.